BRUHATH BANGALORE MAHANAGARA PALIKE

Yelahanka Division

Work Slip: As per Std Tender Documents

Name of Work: Improvements, developments and Construction Of Lead Off Drain From Venkatala Lake View Layout To Yelahanka Waste Weir and Samudaya Bhavana at Ambedkarnagara and Additional floor to Someswara temple Samudaya Bhavana and Kanakanagara Samudaya bhavana, Additional Improvements to Garadi mane and Developmental Of Balanace Roads In Kempegowda Ward, Providing Chain link Fencing to Doddabettahalli Govt. School Ground (Sy.No5) in ward no. 01, 03,04 and 05

Estimate Amount:- 7,00,00,000.00

Name of Contractor:- Sri.SHANKARAPPA.T.K

Approved amount:- 5,93,13,878.00

Tender premium:- 2.00%

Sl. No.	Description of Work	Unit	Rates as per Schedule-B			Total Qty as per Executed	Qty. Executed upto 125%			Qty. above 125%			Actual Amount	Amount Excess over the approved	Remark
			Qty	Rates	Amount		Qty.	Rates	Amount	Qty.	Rates	Amount			
1	2	3	7	8	9	10	11	12	13	14	15	16	17	18	19
6	Providing And Filling In Foundation With Granite/Trap Broken Metal 100mm And Down Size With Approved Sand Including Hand Packing, Ramming, Watering,Including Cost Of All Materials And Labour With All Lead And Lift Complete As Per Specification No	Cum	180.00	2874.01	517321.80	243.26	225.00	2874.01	646652.25	18.26	2874.01	52491.00	699143.25	181821.37	As per site condition
7	Providing and laying in position plain cement concrete for levelling course for all works in foundation. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork shall be paid separately) Mix 1:3:6 (M10) Using 40 mm nominal size graded crushed coarse aggregates	Cum	479.50	6232.81	2988032.40	557.74	557.74	6232.81	3476289.01	0.00	6232.81	0.00	3476289.01	487656.61	As per site condition
14	Providing and fixing precast reinforced cement concrete covering slabs of 15Cm thick made of M20 with OPC cement,with 20mm and down size graded granite metal coarse aggregate @0.70 mixed, including providing and removing centering, shuttering, strutting propping etc., for edges of slabs with TMT steel (Fe500) cost of all materials, labour, all lead and lift, HOM of machinery, curing, including cost of reinforcement etc., complete as directed by the Engineer in charge of the work	Sqm	750.00	2613.75	1960312.50	868.41	868.41	2613.75	2269808.64	0.00	2613.75	0.00	2269808.64	309494.14	As per site condition
16	Providing and fixing G.I. chain link fabric fencing of required width in mesh size 50x50 mm including strengthening with 2 mm dia wire or nuts, bolts and washers as required complete as per the direction of Engineer-in-charge. (Made of G.I. wire of dia 4 mm)	Sqm	750.00	758.62	568965.00	1013.60	937.50	758.62	711206.25	76.10	758.62	57731.00	768937.25	199972.23	As per site condition
18	Providing and fixing Structural Steel work in single section, fixed with or without connecting plate, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete including cost of materials, labour, usage charges of machinery complete as per specifications and as per directions of the Engineer-in-Charge	Kgs	8698.85	114.47	995757.36	9615.65	9615.65	114.47	1100703.43	0.00	114.47	0.00	1100703.43	104946.07	As per site condition
19	Providing and laying in position plain cement concrete for levelling course for all works in foundation. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications. Mix 1:3:6 (M10) Using 20 mm nominal size graded crushed coarse aggregates07-2022	Cum	10.32	6428.08	66337.79	30.48	12.90	6428.08	82922.23	17.58	6428.08	113012.00	195934.23	129596.52	As per site condition

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		Qty	Rates	Amount		Qty.	Rates	Amount	Qty.	Rates	Amount			
2	3	7	8	9	10	11	12	13	14	15	16	17	18	19
Providing and fixing pre cast solid cement concrete kerb stones made out of M20 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting including formwork, curing, including cost of materials, labour charges of machinery, loading and unloading, lead and lift, transportation ete.,complete as directed by the Engineer in Charge of the work (Approved Rate)	Nos	1147.00	517.24	593274.28	3388.00	1434.00	517.24	741722.16	1954.00	517.24	1010687.00	1752409.16	1159134.84	As per s condition
21 Painting two coats after filling the surface with synthetic enamel paint in all shades on new plastered concrete surfaces	Sqm	442.40	95.39	42200.54	533.51	533.51	95.39	50891.04	0.00	95.39	0.00	50891.04	8690.51	As per s condition
23 Earth work in surface excavation by mechanical means for lowering & leveling the ground for all works other than foundation in all kinds of soils & upto depth not exceeding 300mm as per drawing and technical specifications, including cutting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter including dressing of excavated surfaces, disposing off or levelling the excavated earth or sorting & stacking the selected earth for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools, usage of machinery & other appurtenances required to complete the work	Cum	6360.91	72.94	463964.96	8239.33	7551.14	72.94	579958.20	288.19	72.94	21021.00	600977.20	137012.12	As per s condition
24 Construction of Granular Sub-Base of required grading as per design mixing in a mechanical mix plant at OMC, carriage of mixed Material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the desired density, complete as per clause 401	Cum	351.19	2633.85	924975.20	506.51	438.98	2633.85	1156219.00	67.53	2633.85	177864.00	1334083.00	409108.28	As per s condition
25 Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the Material with water at OMC in mechanical mix plant carriage of mixed Material by tipper to site, laying in uniform layers with paver/grader in sub-base / base course on well prepared surface and compacting with vibratory roller to achieve the desired density	Cum	751.31	2686.59	2018458.57	759.77	759.77	2686.59	2041195.59	0.00	2686.59	0.00	2041195.59	22737.01	As per site condition
27 Providing and applying tack coat with RS1 Bituminous Emulsion using emulsion pressure distributor at the rate of 0.20 kg/m2 on the prepared bituminous surface cleaned with mechanical broom	Sqm	8270.00	13.47	111396.90	8371.76	8371.76	13.47	112767.63	0.00	13.47	0.00	112767.63	1370.73	As per site condition
29 Providing and laying Bituminous Concrete with 40/60 TPH capacity hot mix plant using crushed aggregates of specified grading, premixed with bituminous binder VG-30, @ 5.4 per cent of mix and filler, transporting the hot mix to work site, laying with mechanical paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No. 507 complete in all respects	Cum	284.30	11907.88	3385374.96	334.87	334.87	11907.88	3987597.25	0.00	11907.88	0.00	3987597.25	602222.69	As per site condition
30 Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads @ 250 g/ m2 area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35:2015.The finished surface to be level, uniform and free from streaks and holes.	Sqm	274.10	536.42	147032.72	287.06	287.06	536.42	153984.73	0.00	536.42	0.00	153984.73	6952.00	As per site condition
31 Cost of Haulage Excluding Loading and Unloading Taking output 10 t load and lead 10 km + 100 t km	t.Km	11161.10	107.73	1202385.30	13008.09	13008.09	107.73	1401361.18	0.00	107.73	0.00	1401361.18	198975.88	As per site condition
37 Coloumn Up to Plinth	Cum	4.32	11406.58	49276.43	4.46	4.46	11406.58	50918.97	0.00	11406.58	0.00	50918.97	1642.55	As per site condition
31 Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations and other similar works etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift upto 1.5 m.(Vol Page No 7, Item No.1.9 of PWD SR 2021-22)	Cum	465.87	228.93	106651.62	747.12	582.34	228.93	133314.52	164.79	228.93	37725.00	171039.52	64387.48	As per site condition
Providing Honne wood frames of doors, windows, clerestory windows, ventilators and other frames, wrought, framed or assembled including making plaster groves (excluding cost of cement concrete and side clamps), but including cost of materials, labour, usage charges complete as per specifications.(Vol Page No 99, Item No.12.11 of PWD SR 2021-22)	Cum	1.01	101440.83	102861.00	1.07	1.07	101440.83	108795.29	0.00	101440.83	0.00	108795.29	5934.29	As per site condition

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		Qty	Rates	Amount		Qty.	Rates	Amount	Qty.	Rates	Amount			
2	3	7	8	9	10	11	12	13	14	15	16	17	18	19
Providing and fixing M.S. grills of required pattern in frames of windows etc. with M.S. flats, square or round bars etc. including priming coat with approved steel primer all complete. Fixed to steel windows by welding (V-II, Page No.85, Item No.11.34A of PWD SR 2021-22)	Kg	1506.12	164.97	248464.62	2593.44	1882.65	164.97	310580.77	710.79	164.97	117259.00	427839.77	177777.25	As per site condition
57 Providing and laying flooring and steps fine machine polished granite stone slabs 20 mm thick on cement mortar bed 1:6, 20 mm thick, and joints finished with cement mortar 1:1 over existing cement concrete bed including cost of materials, mortar, labour, curing complete as per specifications.(V-II, Page	Sqm	464.37	2687.72	1248103.26	497.32	497.32	2687.72	1336656.91	0.00	2687.72	0.00	1336656.91	88553.65	As per site condition
59 Providing and laying Ceramic glazed floor tiles of size 300x300 mm (thickness to be specified by the manufacturer), of 1st quality conforming to IS : 15622, of approved make, in all colours, shades, except White, Ivory, Grey, Fume Red Brown, laid on 20 mm thick bed of cement mortar 1:4 (1 Cement : 4 Coarse sand), jointing with grey cement slurry @ 3.3 kg/ m2 including pointing the joints with white cement and matching pigments etc., complete (V-II, Page No.60, Item No.9.11 of PWD SR 2021-22)	Sqm	8.97	855.13	7670.52	80.89	11.21	855.13	9588.15	69.68	855.13	59583.00	69171.15	61500.95	As per site condition
60 Providing skirting, dadooing, risers of steps with white glazed tiles 6mm thick on 10mm thick cement plaster 1:3 and jointed with white cement slurry over existing rough plaster surface using glazed tiles of approved make and size including cost of materials, labour, complete as per specifications.(V-II, Page No.65, Item No.9.38 of PWD SR 2021-22)	Sqm	28.78	1093.04	31457.69	53.93	35.98	1093.04	39322.11	17.95	1093.04	19620.00	58942.11	27484.49	As per site condition
61 Providing and fixing flush door shutter made out of solid core block board type, well seasoned , chemicaly treated hard wood battens and internal frame with minimum 45 mm wide wooden frame alround door shutters covered with cross bonded wooden sheets (core veneer) hot pressed and fastened on both sides of the door useing liquid phenol formaldehyde resin as per IS specifications 2202 (part-I) 1991. from manufacturer complete as per spcification. 30 mm thick both side commercial (V-II Page No.105, Item No.12.51 of PWD SR 2021-	Sqm	6.30	2960.42	18650.65	13.10	7.88	2960.42	23313.31	5.23	2960.42	15468.00	38781.31	20130.86	As per site condition
62 Providing and fixing in position fully panelled Honne wood shutters for doors with stiles and rails of 40mm. thick with bottom and lock rails 180mm wide top rail and stiles 100mm wide as per drawing and panels of 25mm thick including cost of materials, labour, usage charges complete as per specifications. (excluding cost of fixtures) (V-II Page No.100, Item No.12.15 of PWD SR 2021-22).	Nos	11.91	5694.14	67800.12	16.86	14.88	5694.14	84750.16	1.98	5694.14	11253.00	96003.16	28203.08	As per site condition
65 Wall painting with acrylic emulsion paint of approved brand and manufacture to give an even shade .Two coats on new work after thoroughly brooming the surface to remove all dirt, dust, mortar drops and foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour complete as per specifications and as per directions of Engineer-in-charge. (V-II, Page No.48, Item No.8.39 of PWD SR 2021-22)	Sqm	1318.22	106.61	140535.17	2439.28	1647.77	106.61	175668.96	791.50	106.61	84382.00	260050.96	119516.05	As per site condition
Providing and fixing stainless steel (Grade 304) railing made of Hollow tubes, channels, plates etc., including welding, grinding, buffing, polishing and making curvature (wherever required) and fitting the same with necessary stainless steel nuts and bolts complete, c/c fixing the railing with necessary accessories & stainless steel dash fasteners, stainless steel bolts etc., of required size, on the top of the floor or the side of waist slab with suitable arrangement as per approval of Engineer-in- charge. (For payment purpose only weight of stainless steel members shall be considered excluding fixing accessories such as nuts, bolts, fasteners etc.) including cost of materials, labour, usage charges of machinery complete as per specifications and as per directions of the Engineer-in-Charge (V-II, Page No.83, Item No.11.28 of PWD SR 2021-22)	kg	1400.00	561.11	785554.00	1704.00	1704.00	561.11	956131.44	0.00	561.11	0.00	956131.44	170577.44	As per site condition

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2	3	7	8	9	10	11	12	13	14	15	16	17	18	19
Painting wood work with Deluxe Multi Surface Paint of required shade. Two coat applied @ 0.90 ltr/10 m² over an under coat of primer applied @0.75 ltr/10 m² of approved brand and manufacture to give an even shade including preparing the surface after thoroughly cleaning oil, grease, dirt and foreign	Sqm	41.73	117.83	4916.69	47.04	47.04	117.83	5542.72	0.00	117.83	0.00	5542.72	626.03	As per condit
70 Painting Steel work with Deluxe Multi Surface Paint to give an even shade. Two coat applied @ 0.90 ltr/10 m² over an under coat of primer applied @ 0.80 ltr/10 m² of approved brand and manufacture including preparing the surface after thoroughly cleaning oil, grease, dirt and foreign matter, cost of materials,	Sqm	60.92	118.96	7247.04	65.88	65.88	118.96	7837.08	0.00	118.96	0.00	7837.08	590.04	As per condit
75 Providing and fixing bright finished brass tower bolts (barrel type) with necessary screws etc. Complete 250x10mm (V-II Page No.109, Item No.12.76 of PWD SR 2021-22)	Nos	25.00	378.19	9454.75	26.00	26.00	378.19	9832.94	0.00	378.19	0.00	9832.94	378.19	As per condit
77 Providing and fixing white vitreous china laboratory sink with C.I. brackets, C.P. brass chain with rubber plug, 40 mm C.P brass waste and 40mm C.P. brass trap with necessary C.P. brass unions complete, including painting of fittings and brackets, cutting and making good the wall wherever required : Size 600x450x200 mm (V-II Page No.126, Item No.14.11.2 of PWD SR 2021-22)	Nos	4.00	5211.59	20846.36	7.00	5.00	5211.59	26057.95	2.00	5211.59	10423.00	36480.95	15634.77	As per condit
85 Providing and fixing PTMT pillar cock of approved quality and colour 15 mm nominal bore, 125 mm long foam flow, weighing not less than 120 gms(V-II Page No.118, Item No.13.20.2 of PWD SR 2021-22)	Each	4.00	246.89	987.56	7.00	5.00	246.89	1234.45	2.00	246.89	494.00	1728.45	740.67	As per condit
89 Providing, laying & fixing cement base, precast, pre polished cement concrete, designer tiles 25mm thick conforming to IS 1237 heavy duty tiles for flooring, treads of steps and landing, laid on a bed of 12mm thick cement mortar 1:3 mix finished with flush pointing using white cement, including cost of materials, mortar, including cutting, grding the edge to half/full round wherever required, labour, curing complete as per specification. (V-II, I.No 9.40 Page No 65, PWD SR 2021-22)	Sqm	49.25	1278.21	62945.45	55.98	55.98	1278.21	71558.46	0.00	1278.21	0.00	71558.46	8613.01	As per site condition
90 Providing and fixing in position 12mm thick plaster of paris (Gypsum anhydrous) for ceiling reinforced with hessian cloth flat surface with ceiling tiles up to a height of 5 m above floor level over aluminium strips 25mm x 6mm and rendered smooth with plaster of paris including cost of materials, labour, curing complete as per specifications. (V-II, I.No 7.31 Page No 24, PWD SR 2021-22)	Sqm	223.13	1314.12	293213.03	273.10	273.10	1314.12	358884.20	0.00	1314.12	0.00	358884.20	65671.18	As per site condition
95 Concealed Conduit System: Supplying heavy gauge PVC conduit pipe 32mm dia 2.5mm metal/PVC junction boxes adhesive paste etc. By groove cutting in the wall and fixing by bracing U or J hooks and cement plastering up to the surface of the brick level and run with 18 SWG GI fish wire run through out the conduit whatever necessary 32mm dia 2.5 mm thick (Page No.1, Item No.1.3.3 of PWD	m	20.00	81.62	1632.40	36.00	25.00	81.62	2040.50	11.00	81.62	898.00	2938.50	1305.92	As per site condition
97 2.5 Sqm	m	840.00	26.53	22285.20	1300.00	1050.00	26.53	27856.50	250.00	26.53	6633.00	34489.50	12203.80	As per site condition
98 2.5 Sqm	m	400.00	40.81	16324.00	740.00	500.00	40.81	20405.00	240.00	40.81	9794.00	30199.00	13875.40	As per site condition
99 4.0 Sqm	m	280.00	60.19	16853.20	680.00	350.00	60.19	21066.50	330.00	60.19	19863.00	40929.50	24076.00	As per site condition
129 12Moudule	Each	11.00	410.00	4510.00	17.00	14.00	410.00	5740.00	3.00	411.06	1233.00	6973.00	2463.18	As per site condition
130 Supplying capacitor type ceiling fan complete with down rod blades, shackle, canopies for operation on 230 Volts, 50 Cycles. Single phase AC supply conforming to ISS-374-1979 and with double ball bearing system (84/9.1/56" Sweep (1400mm) Regular model (Page No.22, item No.6.3.2 of PWD Electrical SR 2021-22)	Each	26.00	2211.00	57486.00	28.00	28.00	2211.00	61908.00	0.00	2211.00	0.00	61908.00	4422.00	As per site condition

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2	3	7	8	9	10	11	12	13	14	15	16	17	18	19
Fixing all types and all capacities of fluorescent / false ceiling / spot light / CFL / LED fittings indoor on the wall / ceiling / rafters / girders using 23/0.0076" twin twisted PVC insulated wires, required Nos of round blocks and clamps. 14.7.1 On wall / ceiling / Rafter / Girders (Page No.45, Item No.33.7.1 of PWD Electrical SR 2021-22)	Each	30.00	120.00	3600.00	66.00	37.50	120.00	4500.00	28.50	121.38	3459.00	7959.00	4359.33	As per site condition
													4880358.61	

Note: Percentage of Worslip over the sanctioned Estimate=Excess amount over the approved amount/ Approved Amount x 100

Approved Amount =	59313878.00
Excess Amount =	4880358.61

Percentage of Worslip = $\frac{\text{Excess Amount}}{\text{Approved Amount}}$ X 100

Percentage of Worslip =	8.23 %

Contractor

Assistant Engineer

Executive Engineer
Yelahanka Division

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

ಮುಖ್ಯ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ